EXHIBIT B
CLAIMS PENDING UPON ENTRY OF THE PRESENT AMENDMENT
(fil d January 3, 2002)
U.S. PATENT APPLICATION No. 09/628,667

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30. (Amended) A method for testing or optimizing one or more properties of a formulation of an active-component, comprising:

(a) preparing an array of formulation samples, each sample comprising the active component and at least one additional component, wherein each sample differs from any other sample with respect to at least one of:
  (i) the identity of the additional component,
  (ii) the ratio of the active component to the additional component, or
  (iii) the physical state of the active component;

(b) testing each sample for at least one property to generate a property-result for each sample; and

(c) comparing the property-result generated for each sample to a baseline or a control for said property to generate a comparison result for the sample.

31. The method of claim 30, wherein the active component is a pharmaceutical, a dietary supplement, an alternative medicine, or a nutraceutical.

32. The method of claim 30, wherein the property is absorption, bioavailability, toxicity, metabolic profile, potency, stability, solubility, dissolution, partitioning, friability, appearance, mouth feel, rate-of-release, rate-of-dispersion, rheology, permeability, compressibility, compactability, flow characteristics, color, taste, or smell.

33. (Amended) The method of claim 30 further comprising generating a data set from the samples.

34. The method of claim 30, wherein preparing the array and testing the samples is performed by an automated sample preparation and testing system.

35. The method of claim 33, further comprising analyzing the data set by a computer.

36. The method of claim 30, wherein an amount of the active component is less than about 100 milligrams.

37. The method of claim 30, wherein an amount of the active component is less than about 1 milligram.

38. The method of claim 30, wherein an amount of the active component is less than about 100 micrograms.

39. The method of claim 30, wherein an amount of the active component is less than about 100 nanograms.

40. The method of claim 30, wherein the array comprises at least 24 samples.

41. The method of claim 30, wherein the array comprises at least 48 samples.

42. The method of claim 30, wherein the array comprises at least 96 samples.

43. The method of claim 30, wherein at least 1000 samples are tested per day.

126. The method of claim 31, wherein the active component is a pharmaceutical.

127. The method of claim 32, wherein the property is solubility.

128. The method of claim 30 wherein the active component is griseofulvin.